



<b>7.2.1 Q1M</b>	<b>Describe two best practices successfully implemented by the institution as per the NAAC format provided in the manual.</b>
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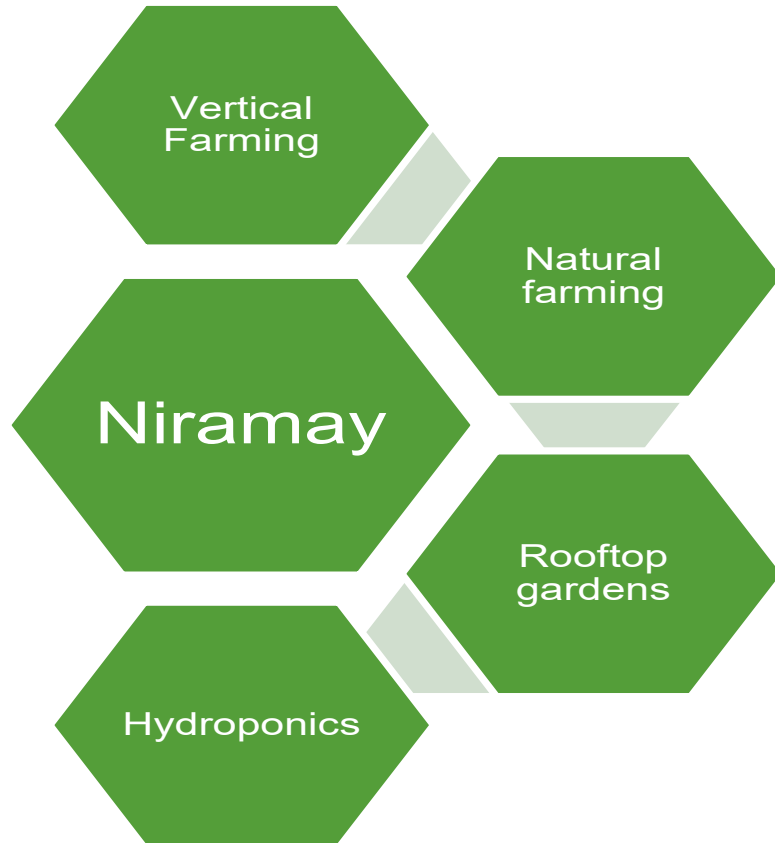
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**SUSTAINABLE AGRICULTURE PRACTICES (SDG: 2/3/8/11/12/13/15/17):**

**NIRAMAY – ADVANCED FARMING TECHNOLOGY & PLANT HARDENING FACILITY**




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**AGNIHOTRA YAJNA**

Agnihotra Yajna is used for pest control as well as fumigation. Yajna’s Ash-treated water is used for wellness.

**ORGANIC FERTILIZERS FROM COW DUNG, COW URINE AND BIOMASS**

- Organic fertilizers from cow dung, cow urine, and biomass increases self-sufficiency and sustainability. These are produced at the Satyakam Gaushala present on campus.

**Jivamrut (Natural Fertilizer)**

Installation Detail:

- Year: 2008
- Place: at boys parking
- Process: Collect neem leaves form campus and added with cow dung, cow urine and Earthworms

Impact:

- Applied in garden as fertilizer

**Amrut Soil**

- Ingredients for Amrut Mitti range from cow dung, cow urine, biomass like dry and decayed leaves, household kitchen waste like vegetable peels.
- Amrut Soil is full of all nutrients needed by plants, is very rich in variety of microbes, has the right pH, has high carbon content, has excellent water holding capacity.
- Mixing Cow dung, cow urine and jaggery
- Immersing dry biomass in Amrut Jal kept in drums
- Process take at least 1 month
- Use as garden fertilizer.

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**PLANT TISSUE CULTURE AND MUSHROOM CULTURE LABORATORIES**

- Establishment of advanced Plant Tissue Culture and Mushroom Culture Laboratories.



  
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